

**CERTIFICATE OF MAILING**

I hereby certify that this document is being deposited with the United States Postal Service as First Class mail in an envelope addressed: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on the date noted below:

Date: March 21, 2006

Sean Mellino

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Detlef Müller-Schulte

Serial No. : 10/516,629 / Conf. No. 4567

Filing Date : December 1, 2004

Examiner / Group Art Unit : Unsu Jung / 1641

Title : THERMOSENSITIVE POLYMER CARRIER  
WITH CHANGEABLE PHYSICAL STRUCTURE  
FOR BIOCHEMICAL ANALYSIS, DIAGNOSTICS  
AND THERAPY

Attorney File : RO0940US (#90568)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**Reply to Office Action Issued November 21, 2005**

Dear Sir:

In response to the Office action dated November 21, 2005, please amend the  
above identified application without prejudice as follows: